OhioEPA
State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Wyandot County
ODOT US 30 East
NPDES Permit

September 16, 2009

Mr. Tony Lotz
ODOT District 1
2000 North West Street
Lima, Ohio 45801

Dear Mr. Lotz:

On September 10, 2009, an operation and maintenance inspection was made of the wastewater treatment plant serving both the eastbound and westbound U.S .Route 30 rest areas. The treatment facility is located along U.S. Route 30 eastbound in Antrim Township, Wyandot County. This inspection was conducted as part of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PP00048*BD.

The treatment facility was in operation and the contents of the aeration tanks were brown with good roll. There was no discharge from the plant at the time of the inspection. Our review of your discharge monitoring reports (11/1/2008 to 9/1/2009) for this facility indicated two effluent violations. Please refer to the enclosed violation table.

Our completed inspection form is enclosed for your review. If you have any questions or comments feel free to call me at (419) 373-3021.

Yours truly,

Jason Ko
Division of Surface Water

/llr

Enclosures

pc: Wyandot County Health Department
DSW-NWDO File

NPDES Permit No. 2PP00048

Facility Name: ODOT US Route 30 Expiration Date: May 31, 2014

Facility Address: US Route 30 East Date: 9/10/2009 Time: 10:30 am

City: Upper Sandusky County: Wyandot Township: Antrim

Name and Address of Owner: ODOT District 1, 2000 North West Street, Lima, OH 45801

Person Contacted: Mr. Tony Lotz (ODOT Manager) & Ms. Ann Scott (Operator) Phone: (419) 222-9055

Flow: Design: 20,000 GPD Present 4000 GPD (metered)

Trib. Pop. _____ (estimated) Weather at time of inspection: Temp 75°F - Sunny

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No. (No discharge was noted)

No.	Severity Description		No. Turbidity		No. Odor		No. Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Not Observed

No.	Severity Description		No. Turbidity		No. Odor		No. Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent ___X___ good _____ fair _____ poor operation
b. Plant has _____ excellent ___X___ good _____ fair _____ poor maintenance
c. Sand filters have _____ excellent ___X___ good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

(1) _____ hydraulic overload
(2) _____ organic/ solids overload
(3) _____ personnel inefficiency
(4) _____ equipment failure
(5) _____ wastes
(6) _____

Disinfection: (Required May 1 thru Oct.31.) – N/A

IN	OUT	
___	___	Chlorination
___	___	Dechlorination
X	___	U.V

	Yes	No			Yes	No	Parameters
4.	X	___	Compliance with NPDES Permit	Periodic Violations	X	___	DO
5.	X	___	Adequate Plant Safety	Chronic Violation	___	___	_____
6.	X	___	Operation and Maintenance Service	Name: Industrial Fluid Management			

Frequency of Visits: Daily

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: 1/Qtr at both rest areas.
		Grease Trap	Pumping Frequency:
	1	Bar Screen	Located in equalization basin
		Comminutor	
	2	Flow Equalization	Circulated w/ 4 mixers
Aeration Equipment	2	Plant Timer _X_ Y ___ N Motor/ Blower Unit	Cycle Time: 1 hr "ON" & ½ hr "OFF"
Secondary Treatment	2	Aeration Tank	Color : Brown Adequate Aeration: Y _X_ N ___
Final Settling	1	Clarifier	With 2 hoppers
	2	Sludge Return	In _X_ Out _____ Returning solids
	2	Surface Skimmer	In _X_ Out _____ Returning clear
	2	Fixed Media Clarifier	Clean media 2/month
Tertiary Treatment	2	Surface Sand Filter	All operational
		Polishing Pond	
		Other	
Disinfection		Chlorine	
		Dechlorination	
	IN	Ultraviolet (UV)	Clean bulbs 1/week
Flow Metering		Elapsed Pump Time	
	IN	Other	Water meters at both westbound/eastbound rest areas
Pumps	2	Raw Wastewater (type)	In influent pump station
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	Wasting 3/week about 5 mins duration
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	As needed
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

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Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PP00048*AD	May 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.4	5/25/2009
2PP00048*BD	July 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.8	7/3/2009